

PROGRESSIVE REPORT.
OF
FOREST ADMINISTRATION
IN THE



Jodhpur State Rajputana.

FOR THE YEAR 1903-1904.

BY

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REVIEW ON THE FOREST REPORT.

GENERAL--With a view to minimise the chances of the fire entering the forest from the adjoining open wasteland, a fire trace 50' wide is being made along the lower boundary of the forests. This would serve to demarcate the limits of the Guzaras as well.

The marking of separate Guzaras which has been appreciated by the Grassias is reported to be working well.

The scheme in connection with the fodder storage to tide over years of fodder scarcity was given a start both under the Hawala and the Forest Departments.

AREAS—There has been no change,—the areas remaining the same as in previous years.

BOUNDARY—Boundary pillars were as usual whitewashed and kept in good repair.

SURVEY AND WORKING PLANS—The Forest survey of 4" to a mile, which has been in progress since last year, saw at the close of the year a further survey of 34 square miles.

GENERAL PROTECTION AND THE BREACHES OF THE LAW—With the exception of the Minas of the 3 villages noticed in the previous year who still continue to be refractory, there was an appreciable fall in the number of cases re the infringement of the Forest rules, which was due to an abundant growth of grass outside the reserved area. The No. of the cases compounded and that of the cattle impounded for illicit grazing have both gone down.

FOREST FIRES—During the year no less than 23 fires are reported to have taken place—those from the Meywar side being most disastrous. It is hoped that the repeated protestations of the Darbar against the lukewarmness of the Meywar authorities in the matter of a fireline will have some effect in inducing them to adopt ^{annual} measures to prevent the recurrences of fires in future ^{step} which is calculated to be beneficial to both the States.

NATURAL AND ARTIFICIAL REPRODUCTIONS—To the sufficiency of the rains

- 1. NATURAL** may be attributed the satisfactory progress of the natural reproduction; but the damage done to the parent trees by the ravages of locusts, will, it is apprehended, materially affect the regeneration in the coming year.

- 2. ARTIFICIAL**—The seeds are said to have germinated well and 30 p. c. of them sired well.

YIELD AND WORKING—The large sale at the Depots gave an impetus to the yield and working of fuel and timber, whose outturn was accordingly much in excess of that of the preceding year and also led to the establishment of depôts at two other places.

FINANCIAL RESULTS—The financial results as compared with previous years give better results. The revenue has satisfactorily improved and though the expenditure has also increased by about Rs. 2,000/- yet it leaves a good surplus of Rs. 6,781/- at the close of the year.

No compensation for villages taken under forest conservancy was paid during the year.

JODHPUR,
1st October 1901. }

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PROGRESS REPORT
OF
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IN THE
MARWAR STATE
FOR
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INTRODUCTION

(1) An important step was taken in that a fire-trace 50' wide is being put along the outer boundary from pillar to pillar to serve the two-fold purpose (1) of clearly defining the limit of the Guzaras and (2) of serving to check fires likely to enter the forests from the open waste lands and fields. The cutting was done by contractor with profit to the Department (para 8). The importance of the step can not be spoken of too highly.

(2) The Guzaras marked off for the Grassias last year (para 1 of last year's Report), were sufficiently respected by the hill tribes concerned and the work is pretty established.

(3) Depots were further opened at Jojawar, Shiriari &c; they all work well and give good encouragement to regular Working Plans being framed.

(4) The surveying of the Forests to 4" to a mile scale was continued.

(5) The work of cutting and stacking grass as a provision against probable bad years was, for the first time, started and will be continued. 8,125 maunds of grass were cut and stacked.

CHAPTER I.

Areas and Boundaries.

(6) The Area under forest Censervancy remained the same as last year as below :—

Khalsa Forests	...	...	265·11 square miles.
Fuel and Fodder Reserves	...	...	11·70 , "
Jagir Forests	...	...	70·37 "

(7) All the boundary pillars were white-washed and kept in good order.

(8) It was projected some time back to lay a fire-trace from pillar to pillar along the lower boundary with the object (1) of clearly defining the Guzara limits and (2) of its utility against fires which originate in the open Guzara and spread so often thence-forward to the forest. The work, however, could not be undertaken, as the right-holders would not do it, while hired labour would prove too expensive, as the chances of the produce obtained being sold were so very limited. The enhanced sale in the depots lately instituted rendered it possible to clear the trace and what is more noteworthy at a profit. The work is in progress in Sojat Range where it yielded a net revenue of 0/6/6 per running chain or Rs. 3,432/ per square mile.

CHAPTER II.

Surveying, working Plans and Plan of operations.

(9) The surveying of the forests to 1" to a mile scale was continued (see para 7 of last year's Report). 34 square miles were surveyed during the year for Rs. 1,547/ or Rs. 45/8 per square mile. The total area surveyed up to the end of the year was 71 square miles.

(10) The question of bringing the forests under regular working plan is being closely attended to and the Survey work and other data necessary for the purpose being in some forests nearly complete, it is hoped to get through some working plans in Sojat and Godhwar Ranges.

(11) A plan of operations was as usual prepared and acted up to, except in that roads did not receive their due attention, owing to more pressing needs under other heads

CHAPTER III.

General Protection and Breaches of the law.

(12) The Minas of Sewaji, Kotar, and Sem continued to be refractory. Minas of other-villages behaved well and so did the Grassias. Separate Guzaras were for the first time marked off for the latter and it was feared that they would not take kindly to the new arrangement; it was not so, however and they seem pretty settled to the limitation of their sheep and goats to the demarcated Guzaras.

(13) 10 cases were chalaned to Hakumats and 4 pending from last year brought the total to 14 cases involving 24 persons. Of them 11 cases involving 21 persons were disposed of. Convictions were obtained in 8 involving 14 persons. Of the above the Honorary Court of Raipur tried one case. 249 cases were compounded departmentally as against 496 cases last year. It was a good year and the tendency to pilfer the forests was proportionately diminished.

14. The following table shows the results of the last two years:—

Range.	CASES COMPOUNDED.			Average per case.		Average per person.		Remarks.			
	Number of cases.	Number of persons.	Amount.								
Godhwar ...	120	219	1,224	7	9	10	3	3	5	9	5
Sojat ...	82	118	206	10	6	2	8	3	1	12	0
Siwana ...	19	22	22	6	3	1	2	10	1	0	3
Parbatsar ...	13	33	4	13	6	0	6	...	0	2	4
Total ...	234	392	1,458	6	0	6	3	9	3	11	6
Raipur ...	15	20	69	2	0	4	9	9	3	7	4
Ghanerao ...	.....	.....	...	.....	.....	...	.....	.....	...	.....	.....
Grand Total ...	240	412	1,527	8	0	6	2	2	3	11	3
1902-1903 ...	496	854	2,046	8	3	4	2	0	2	6	4

Grass and Grazing.

(15.) As usual, the forests remained closed to the camels, sheep and goats throughout the year and open to horned cattle from 1st April to the beginning of rains and from 15th October to the end of the year.

(16.) The following statement shows the number of cattle grazed.

Range.	CATTLE.				Remarks.
	Right holders.	Out-siders.	Free.	Total.	
Godhwar ...	1,905	330	.....	2,235	
Sojat ...	579	.....	.....	579	
Siwana ...	650	.....	.....	650	
Parbatsar ...	791	.....	.....	791	
Total ...	3,925	330	.....	4,255	
Raipur ...	5,933	23	.....	5,956	
Ghanerao ...	325	.....	.....	325	
Grand Total ...	10,183	353	... ..	10,536	
1902-1903 ...	15,200	309	200	15,709	

(17) The number of cattle grazed in the Khalsa forests rose from 2,962 in the last year to 4,255 while that in Raipur forests fell by no less

than 6,638. In the Khalsa forests the increase is confined chiefly to Godhwar and Parbatsar Ranges owing to increase of cattle in the country. In Raipur the fall took place chiefly in the area about Giree, whence many of the people shifted to other places for some private reasons.

(18) 6094 cattle were impounded this year for illicit grazing against 7082 in 1902-1903 as detailed below :—

RANGE.	DESCRIPTION OF CATTLE.				
	Cows,	Buffaloes.	Sheep and Goat.	Other kind.	Total.
Godhwar ... ..	...	...	372	9	381
Sojat	21	2	579	75	977
Siwana	157	17	2,660	20	2,854
Parbatsar	138	4	1,336	5	1,483
Total	316	23	5,247	109	5,695
Raipur	58	...	201	48	310
Ghanerao	1	...	88	...	89
Grand total	375	23	5,539	157	6,094
1902-1903	154	20	6,779	129	7,082

Forest Fires.

(19) Comparatively with the preceding years, the result of fire protection was not satisfactory, giving failures as 3.6 per cent of the area over which protection was attempted. There were in all 23 fires distributed as under :

Godhwar	...	...	...	10
Sojat	...	...	...	8
Sewana	...	...	...	4
Parbatsar	...	...	...	1

Of them, 6 originated in Meywar, one in British Territory and 10 in the Guzara, all spreading thence on to the forest. 6 fires burning 306 acres only originated inside the forest. The fires from Meywar were the most disastrous, they alone burning 1.8 per cent of the area protected. Among the Guzara fires one near Lunawas proved sad, it alone burning 4 square miles. The culprit, the barber Poojari of a temple, was arrested, but let go on account of poverty.

(20) The Meywar Forests march parallel to the Marwar Forests from Nana to Kot and the Ajmer-Merwara Forests thence-forward to Somel. Meywar Forests have been an evergreen source of fires to the Marwar Forests, varying from year to year only in extent of harm. A fire-trace 100 feet wide divides the two Forests (Meywar and Marwar) and is cleared and burnt jointly every year by the two States. It was also proposed some years back (1896-97) that, to render the fire-trace really effectual, all the trees and shrubs standing thereon should be cut away, rendering the fire line free from the

accumulation of leaves and other inflammable stuff, twigs &c. that would otherwise collect there and diminish so much the efficiency of the fire-line. The Meywar Darbar did not co-operate and the idea had, as the previous reports would show, to be at last abandoned. In the matter of cutting and burning the fire lines from year to year again much laxity is shown by the Meywar Darbar and their Forests continue to be a standing danger to the Marwar Forests.

(21.) It may perhaps be questioned what good did the fire-trace between the two Forests do if the Meywar fires crossed over to the Marwar side.

A fire-trace has 2 objects to fulfil. (1) It may arrest the spreading on of a fire across it, (2) It may serve as a base from which to counterfire to localize a conflagration. The second object, it may be conceded, is not very difficult to fulfil and any fire line, even one reasonably removed away from an ideal trace, would yield to it. But to fulfil the first object not only that the trace should be sufficiently wide but it should be withal quite free from all combustible material, as much as a metalled road, and the adequacy of a trace to arrest a conflagration would be directly commensurate with the approaches it might make to the above ideal.

(22.) The Meywar-Marwar Fire-trace for reasons explained above does not make a respectable approach to the ideal and can hardly be expected in the present state in itself completely to arrest the spreading-on of a fire

(23.) There are other conditions that influence the spreading-on of a fire and it will be well here to consider them. Forests are hilly tracts and the fire-traces run up, down and along a ridge following now the general contour, going again down a khud and so on, yielding in nowise to the smoothness obtainable in plains. Fires run upslopes more rapidly than they do down hills, burning fragments roll down the slopes on so many points and are often the cause of spreading fires. Winds again carry bits of burning grass many yards away and all the above may do and often do spread fires across traces that are on the spot. Fire-traces are thus one of the factors and a very honorable factor in a successful fire protection but not the sole factor. Success in matters of fire conservancy is rather the result of a combination of many conditions; in the matter of these forests, namely the Meywar and Marwar Forests the co-operation of Meywar authorities forms a component part and it is unfortunately missing.

(24.) In Meywar either fire conservancy is not properly understood or it is not adequately attended to and their forests may be seen in conflagration any time. The Meywar authorities are doubtless with their rights to allow their forests to burn, but the time their forests enter ^{into} a threatening ~~state~~ (which they have all along done) the safety of the Marwar Forests, the Jodhpur authorities acquire sufficient title to protest that the Meywar Darbar should manage their affairs so that their forests are no more a danger to their neighbours. It is sufficiently established how Meywar Forests fires have been all along harmful to the Marwar areas and it is high time that the Meywar should be set to take steps calculated to undo the present state; failing which there is no reason why the Jodhpur Forest staff should not be permitted to limit the Meywar fires to their own areas by counterfiring from the main fire line, when they (Meywar fires) draw near enough to portend danger to Marwar forests.

(25) The cost of protection came to Re-195/- or -/9/- per square mile.

Natural Reproduction.


(26) The rains were copious and the natural reproduction was in consequence good. Seedlings of Dhao, Kher, and other important species as also those of Kumatia, Arunja &c secondary in importance came up in abundance. The parent trees were heavily ravaged by locusts and did not produce seed in profusion, which is likely to tell upon the regeneration next year.

(27) An experimental coppice was made in Nimbri forest at foot of Manjar hills to determine yield per acre with a view to obtain data for purpose of Working Plans. It yielded Rs-10/11/-net per acre while the quantity and kind of produce obtained are given in detail in the table below. It is contemplated to make further experimental coppices next year.

DESCRIPTION.	TOTAL YIELD.		Price.	Expenditure.	Net per acre.
	No.	Quantity.			
Charcoal ... ..	...	Mds. 125	317 3...	169 14 9	
Ins Dhao	2	.....	..... 5...	..... 1 6	
Upla	81	.....	6 5 3	2 ... 3	
Dingar	440	.....	17 3...	3 7...	
Musals	3	.....	1 2...	... .. 4 6.	
Dingar K	32	.....	2 ... ..	..... 4...	
TOTAL	558	125	344 2 3	176	10 11 0

(28) The following table will show the result of areas previously coppiced :—

Godhwar Range.

			Length	Girth.
Sadhri ... ..	...	Kantia Dhao ...	12·9	3'·6"
		Khair ...	15·	7'·2"
		Kumtia ...	12·	3'·5"
Behra ... ..	...	Dhao ...	16·	7"
		Khair ...	15·	6'·2"
		Sires ...	18·	7'·3"
		Gol ...	24·3	1'·9"

Sojat Range :—

Gudha Dhamatan.	...	Kantia Dhan ...	16'	1'
		Bor ...	12'·8"	11"
		Kumtia ..	14·9"	8"

Artificial Reproduction.

Godhwar Range.—

(29) The following sowings and planting in pits were made for the expenditure noted against them.

The seed germinated well and about 30 per cent of them were able to pull through the cold season and escape the ravages of locusts.

Latara	711	pits sown with Babul for	Rs.	3	11	0
Mandigar & Rajpura	839	" " " "		2	6	0
Somesar	650	" " " "		0	10	0
Sewari	1,200	bamboo rhyzomes		3	0	0
Bijapur	155	" "		0	7	6
Nana	1,500	" "		3	10	0
Behra	1,306	" "		3	10	3

Sojat Range.

(30) Babul was sown in Dipawas, Dharesur and Gudha Dhamantan forests. The result was not satisfactory, about 100 plants being in all that were left over as the year closed.

(31) The Nursery at Saran was kept up and will be utilised to supply planting materials for the blanks in the forests.

Sivana Range.

(32) No sowings were made

Roads and Buildings.

(i) ROADS.

(33) *Godhwar Range*—No new roads were laid out but the more important of the old ones were repaired in a large measure by Right-holders.

(34) *Sojat Range*—The Bayer Cart track was further improved at a cost of Rs 17/5/-, no new roads being laid out.

(35) *Sivana Range*—Nil

(ii) BUILDINGS.

(36) *Godhwar Range*—No new buildings were undertaken; the existing ones were kept in order at a cost of Rs 18/0/6. A well was being sunk in the Forest Chowki at Nana as the year closed.

(37) *Sojat Range*—No new buildings were made but the old ones were repaired for Rs 33/14/3.

CHAPTER IV.

Yield and Working.

(38) The total out-turn of timber and fuel expressed in cubic feet compares with that of the previous year as follows:—

Description.	TIMBER.		FUEL.		Remarks.
	1902-03.	1903-04.	1902-03.	1903-04.	
Raj Agency	2,507	7,799	177	22,446	
Purchasers	6,759	10,356	81,872	1,24,935	
Right holders	8,574	8,988	2,00,320	2,41,408	
Free grants ... ..	...	...	...	...
Total	17,840	27,138	2,82,369	3,88,789	
Raipur	2,000	3,244	15,078	1,02,734	
Ghanerao	730	1,191	9,680	12,760	
Grand Total	20,576	31,573	3,07,127	5,04,283	

(39) The comparative value of minor produce removed during the year under report and that of the previous year is as follows:—

Description.	VALUE.		Remarks.
	1902-03.	1903-04.	
Removed by Raj Agency	1,043	2,465	
„ Purchasers	2,657	3,697	
„ Right holders	2,320	2,332	
„ Free Grants ... ..	...	...
Total	6,020	8,494	
Raipur	1,737	959	
Ghanerao	211	118	
Grand Total	7,968	9,571	

(40) The enhanced sales in the various depots brought in the increase both in timber and fuel as indicated above.

(I) Departmental Operations.

(41) The out-turn of timber removed exceeded that of the last year by 5,292 cubic feet and that of fuel by 22,269 cubic feet.

(42) 18,156 bamboos were cut and sold as against 17,119 last year.

(II) Removal by Purchasers.

(43) The purchasers removed 3,597 cubic feet of timber and 43,063 of fuel in excess of what they did last year consequent upon the increased agricultural operations due to copious rains.

(44) 1,22,099 bamboos were removed against 82,266 last year.

(45) Rs. 237 were collected from grass and grazing against Rs. 204/ last year.

(46) Rs. 596 were collected from sale of minor produce against Rs. 483 last year, exclusive of Rs. 9/ realised from outstandings.

(III) Free Grants and Removal by Right holders.

(a) Timber.

(47) A class free of charge	... ..	..... cubic feet.
B. & C. classes at reduced rates	...	8,983
Total	...	<u>8,983</u>

(b) Firewood.

(48) A. & B. classes free of charge	...	1,81,500 cubic feet.
C class at reduced rates	...	59,908 " "
Total	...	<u>2,41,408 " "</u>

(c) Bamboos.

(49) A. class free of charge	... ..	.....
B. & C. classes at reduced rates	...	950
Total	...	<u>950</u>

(d) Grass and Grazing.

(I) GRASS.

(50) A & B. classes free of charge	...	39,030
C. class at reduced rates	...	397
Total	...	<u>39,427</u>

(II) GRAZING.

(51) A. class free of charge	532
B. & C, classes at reduced rates	3,393
Total	<u>3,925</u>

(e) Mohya and Kamri.

(52) A. class free of charge	2,214	Head-loads.
B. & C classes at reduced rates	2,547	" "
Total	<u>4,761</u>	" "

CHAPTER V.

Financial Results.

(53) The actual revenue amounted to Rs. 23,676 against Rs. 19,912 last year.

(54) The expenditure came to Rs. 17,132 giving a surplus of Rs. 6,544.

(55) The receipts and charges of the last 3 years compare as follows:—

Particulars.	1901-02	1902-03.	1903-04.	Remarks.
Receipts ...	22,182	19,912	23,676	Adding to these figures, Rs. 959 as revenue from Fuel and Fodder Reserves and Rs. 719 as expenditure total receipts came to Rs. 24,635 and charges Rs. 17,851 leaving a surplus of Rs. 6,784
Charges ...	18,130	15,142	17,132	
Deficit ...	.....	.....	.....
Surplus ...	4,043	4,770	6,544	

(56) The estimated revenue and expenditure for the year were Rs. 23,500 and Rs. 19,000 respectively. The actual expenditure came to Rs. 17,132 or Rs. 1,868 less than the estimate.

(Rig) The finance of the Department has recently drawn some attention to it and in some quarters doubts have been expressed if the Department is not working at a deficit. The Department was organised in 1888 and the following statement brought down to the present year, would show that it has, famine years excepted, all along paid its way and left a surplus.

	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.	1901-02.	1902-03.	1903-04.	Remarks.
Receipts ...	752	8,291	10,864	29,808	16,372	24,763	22,083	22,333	23,915	28,043	14,755	19,698	22,182	19,912	23,676	
Charges ...	7,653	10,692	15,975	11,223	12,337	19,034	17,165	19,158	20,484	20,925	19,042	19,322	18,189	16,142	17,132	
Surplus ...	-6,901	-2,401	+889	+14,585	+4,035	+5,729	+4,918	+3,175	+3,481	+7,718	-4,287	+376	+4,043	4,770	6,544	

- (1) In this year, the funds around Jodhpur known as Shikar Khanna and Jor were exploited by the Forest Department yielding Rs. 13,000 which brought in the abnormal increase.
- (2) This year was Sambit-55, there was no grass outside, while inside the forest there was plenty and thus grazing and grass gave the higher figure of Rs. 7,000.
- (3) Years of Famine and Sickness.

(58) The financial results of the Jagir forests stand as follows :—

	1902-03.	1903-04.
<i>Raipur.</i>		
Receipts ...	2,978	2,326
Charges ...	1,361	643
Surplus ...	1,617	1,683
<i>Ghanerao.</i>		
Receipts ...	482	478
Charges ...	231	278
Surplus ...	251	200
<i>Bar.</i>		
Receipts ...	135	252
Charges ...	30	48
Surplus ...	105	204
<i>Barantia.</i>		
Receipts ...	78	62
Charges ...	66	62
Surplus ...	12	...
<i>Babra.</i>		
Receipts ...	34	33
Charges ...	61	61
Deficit ...	27	28
<i>Somel.</i>		
Receipts ...	179	148
Charges ...	83	68
Surplus ...	96	80

CHAPTER VI.

Village Fuel and Fodder Reserve.

(59) 100 Bigas were further reserved, the following being the distribution of the area:—

Name.	Area in Bighas.
Bambholai ...	1,800
Sampu ...	554
Sowania ...	437
Deoli ...	1,400
Udesi Kua ...	1,329
Khamal ...	295
Sadawas ...	78½
Bomadra ...	464½

Name.	Area in Bighas.
Miniari ... ..	... 1,303
Bala ... ..	... 1,136
Hemliawas ... ..	... 150
Barsan ... ..	... 100
Gudha Bishnoyan ... ..	... 1,000
Pali ... ..	... 6,400
Nawgaon ... ..	... 100

(60) Babul sowings were made in Hemliawas, Murdawa, and Barsan as also in the reserves at Pali and Bambholai. The seeds germinated well and there were good many survivors as the year closed, Hemliawas having the greatest number.

The indogenous species are improving in almost all the reserves and the effects of protection are becoming visible.

(61) A fire coming from outside waste land burnt about 20 acres of the Deoli, Murdawa reserve and it is contemplated to fire-trace all of them.

(62) 250 maunds of grass from Hemliawas and 100 maunds from Barsan reserves were cut and stacked for use against probable scarcity.

(63) At Bambholai, Sampa and Sovania Nim seeds were dibbled in at foot of the Thors in which this area abounds and which serves as excellent nurseries for the Nim plants.

(64) It is recommended that it would be well to undertake planting of Babul and other suitable species at foot of the various Bands as also along the canals.

(65) The revenue and expenditure under this head stands as follows.

Revenue	Rs 215 8 0
Expenditure	719 4 0

CHAPTER VII.

Arboriculture.

(66) The Plantation known as Harji ka Baria as also the planting of the Risala Lines and the Kutcherry grounds, were added to the charge of the Department; while plantations Nos 1 to 5 comprising 6,425 trees were transferred to the Railway Department and Balsamand plantations Nos. 1 and 2 and the Trevor Fair grounds containing 4,527 trees and saplings made over to the Balsamand Daroga. Again the Chopasni Plantation comprising 443 plants had been handed over to the Havala. Thus the Department had, after making the above adjustments, 22,491 plants in charge as the year closed. 200 plants in the Risala Lines and 455 in the Kutcherry grounds were planted new, most of them being Nim and Sires.

(67) 300 plants were utilized in replacing the weakly and the dying, most of them being planted out in the ground behind His Highness' Bungalow and Race course.

(68) The nurseries at Plantations Nos. 7 and 8 and Ratanada as also the one at Colonel Loch's well were maintained. In order to admit of older and larger plants being put out, the nurseries had been greatly extended and contained the following plants as the year closed :—

Nim ...	...	...	6,000
Babul ...	...	...	1,000
Siris ...	...	...	500
Mangoes	...	...	500
Jaman ...	...	...	300
Miscellaneous	...	...	2,700
Total ...			11,000

(69) 10,809 plants received no watering while 11,682 were watered.

(70) The revenue came to Rs-325-4-0 and the expenditure to Rs-7,478-6-6 as under :—

		Rs.	A.	P.
Protective Establishment ...	...	606	5	6
Office do. ...	...	162	0	0
Watering do. ...	...	2,756	10	6
Malies ...	...	1,535	9	9
Working of Well s ...	...	773	7	9
Feed and keep of bullocks ...	...	811	6	3
Planting ...	...	104	5	3
Fencing ...	...	668	9	6
Miscellaneous ...	...	60	0	0
Total ...		7,478	6	6

CHAPTER VIII.

Gardens.

(71) The Residency Garden was looked after and kept up. 2,600 sqr feet of Dhoob grass were planted new.

(72) A new garden was laid out at Assistant Resident's Bungalow and it is making good progress 131 Shade trees about 100 shrubs and about 2,000 feet of Dhoob grass were planted besides the vegetable gardens and the annual and biennial flowers.

(73) The Guest house Garden was added to the charge of the Department. About 2,000 square feet of Dhoob grass and about 100 shrubs were

planted in addition to the vegetable garden, annual and biennial flowers. This garden has also about 2 Bighas under Lucern Grass. . .

(74) A shrubbery was formed in the Kutcherry grounds. It comprised about 500 shrubs and 2,000 feet of Dhoob grass as the year closed.

(75) The Sadri Garden was looked after and was doing well. It has a fine collection of graft mangoes and it is again recommended that some measures must be taken further to extend it.

(76) The financial results of the Gardens were as under :—

Revenue	...	Rs	412	6	0
Expenditure	...		3,752	4	0

CHAPTER IX.

General.

(77) 2 Jamiat Sowars of Kot, 2 of Rohat and Baru and 2 of Samadri and Indrana remained with the Department, other Sowars were not coming forth and mercenary ones had to be employed instead.

(78) Forest Ranger Gokalchand held charge of Godhwar while Chatur Bhuj had charge of Sojat Range, Rikhesur continuing the survey work. They all conducted themselves well, Chatur Bhuj deserving a special mention.

(79) Forest Ranger Daulat Ram remained in charge of Siwana Range, giving satisfaction.

(80) The office establishment and the Forester Brij Lall at Jodhpur worked satisfactorily, the Head clerk, Dasu Ram and Reader Roop Narain deserving special mention.

(81) The following forms are hereto attached :—

Form	...	...	No.
"	...	...	49
"	...	...	50
"	...	...	51
"	...	...	54
"	...	...	55
"	...	...	56
"	...	...	58
"	...	...	59
"	...	...	60
"	...	...	62

Annual Form No. 49.

Forest Department Marwar State. Area of Forests for 1903-1904.

State.	Range.	AREA ON 1st APRIL 1903.		Added during the year.	Excluded or transferred to other heads.	AREA ON 1st APRIL 1904.		Number and date of Kaifyat of addition and transfer.	Remarks.
		Acres.	Equivalent in square miles.			Acres.	Equivalent in square miles.		
Khalisa ...	Godhwar	1,24,280	191.11	1,24,230	194.11	...	Besides these 11.75 square miles are reserved as Fuel and Fodder Reserves.
	Sojat	41,600	65	...	...	41,600	65	...
	Siwana	3,840	6	...	...	3,840	6	...
	Raipur	8,320	13	...	...	8,320	13	...
	Ghaneroo	3,277	5.12	...	...	3,277	5.12	...
	Barantia	960	1.50	...	...	960	1.50	...
	Babra	960	1.50	...	...	960	1.50	...
	Bar	480	.75	...	...	480	.75	...
	Somel	1,920	3	...	...	1,920	3	...
	Jagir ...	Pi, Basi, Banwal, Meyapur, Kalyatra, and Bidind	7,360	11.50	7,360	11.50	
MARWAR	Mokalsar, Rannia Mewri, Gungrot, Golia, Piploon, Gudhannal, Sener, Kandal, Sela, Janpur, Mangi, Dhiran, Telwara, and Bhagwan.	21,760	34	21,760	34	...	
	Total	2,14,707	335.48	...	...	2,14,707	335.48	...

ANNUAL FORM NO. 59.

Forest Department Marwar State. Register of Breaches of Forest Rules during 1903-04.

	Cases pending from 1902-1903.	NEW CASES OF THE YEAR.						Total new cases during the year.	Total cases.	DISPOSED OF DURING THE YEAR						Cases pending at close of the year.	REMARKS.
		Injury of Forest by fire.	Unauthorized felling or appropriation of wood & minor produce.	Grazing without permission or in tracts in which grazing is prohibited.	Other offences.	CONVICTION.				ACQUIT-TALS.		TOTAL.					
						Cases.	Persons.			Cases.	Persons.	Cases.	Persons.	Cases.	Persons.		
A. Cases tried by Magistrates:—																	
GODHWAR. { Sewari	3	2	4	1	.....	.....	1	10	5	11	3	7	8	18	2	
Desuri	..	1	.....	..	.....	.....	..	1	1	1	..	..	1	1	..	
Sojat	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Sivana	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Parbatsar	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Raipar	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Ghanerao	1	..	.....	..	.....	.....	..	2	1	1	..	..	1	1	1	
Total	4	3	4	3	.....	.....	3	14	8	14	3	7	11	21	3	
B. Cases compounded by Forest officials:—																	
GODHWAR. { Sewari	..	..	59	42	19	19	42	120	120	219	..	..	120	219	..	
Desuri	..	5	47	20	10	10	20	82	82	118	..	..	82	118	..	
Sojat	..	..	6	7	6	6	7	19	19	22	..	..	19	22	..	
Sivana	..	..	13	..	.....	.....	..	13	13	33	..	..	13	33	..	
Parbatsar	..	3	12	..	.....	.....	..	15	15	20	..	..	15	20	..	
Raipar	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Ghanerao	..	..	.....	..	.....	.....	..	..	..	..	..	..	..	..	..
Total	..	8	137	69	35	35	69	249	249	412	..	..	249	412	..	
GRAND TOTAL	4	11	141	72	35	35	72	259	263	426	3	7	260	483	3		

ANNUAL FORM NO. 51.

Forest Department Marwar State. Area of Forest tracts protected from fire during the dry season of 1904.

Range.	Forest tracts.	Year in which protection commenced.	Area actually protected up to 15th June 1903.	DURING DRY SEASON.			Cost during the season.	Remarks.
				Area attempted to be protected.	Failures.	Actually protected.		
Khalsa ... {	Sewari Block	1,891	1,13,378	1,13,600	6,774	1,17,456	Rs. 68	
	Desnri	...	10,636	10,630			68	
	Kantalia	...	41,415	41,600	1,217	40,383	94	
	Siwana	...	1,896	3,810	3,840	9	3,831	38
	Total ..	...	1,69,263	1,69,670	8,000	1,61,670	195	
Jagir ... {	Raipur	1,894	8,320	8,320	410	7,910	...	
	Ghanero	1,895	3,277	3,277	...	3,277	...	
	Bar, Barantin, Babra, and Somel.	1,896	4,320	4,320	210	4,110	...	
	Pi, Basi, Banwal, Mayapur, Kal-yatra, and Bidlad	1,897	7,360	7,360	3	7,357	...	
	Mokalsar, Ramnua, Mawri, Gungrot, Gadhana, Sener, Gofia, Piploon, Kundal, Sela, Jampur, Mangi, Dhiran, Telwara, and Bhagwan,	1,898	21,700	21,700	...	21,700	...	
	Total	...	45,037	45,037	623	44,414	...	
	Grand Total	...	2,14,300	2,14,707	8,023	2,06,681	195	

ANNUAL FORM NO. 54.

Forest Department Marwar State. Out-turn (in cubic feet solid) of Timber and Fuel during the year 1903-1904 and agency of exploitation.

RANGE.	TIMBER IN THE ROUGH LOGS.				TIMBER IN THE ROUGH POLES.				SAWN OR SQUARED TIMBER.				MISCELLANEOUS.				FUEL.				Total.
	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free grant.	Right holders.	Total.	Raj Agency.	Purchasers.	Free Grant.	Right holders.	Total.	
GODHWAR. { Desuri ... Sojat ... Siwana ... Parbatsar ...	...	...	...	...	13,537	361	8,056	...	5,120	13,537	...	...	...	...	...	...	99,210	...	1,78,116	2,77,320	2,90,863
	...	6,946	2,089	3,734	12,769	6,946	2,089	...	3,734	12,769	22,446	19,209	...	2,612	44,267	57,036	...	...	2,612	44,267	57,036
	...	492	211	129	832	492	211	...	129	832	...	40	...	...	60,720	61,552	...	...	60,720	60,720	61,552
	6,476	6,476
Total ...	7,799	10,356	...	8,983	27,138	7,799	10,356	...	8,983	27,138	22,446	1,24,935	...	2,41,408	3,88,789	4,15,927	...	...	2,41,408	3,88,789	4,15,927
Rajpur ...	...	...	...	...	3,244	201	169	...	2,874	3,244	...	...	...	...	...	...	1,00,734	...	2,000	1,02,734	1,05,978
Ghanerao ...	...	...	...	...	1,191	...	87	...	1,154	1,191	...	760	...	...	...	...	760	...	12,000	12,760	13,951
Total ...	201	206	...	4,028	4,435	201	206	...	4,028	4,435	...	1,01,494	...	14,000	1,05,494	1,19,929	...	...	14,000	1,05,494	1,19,929
Grand Total ...	8,000	10,562	...	13,011	31,573	8,000	10,562	...	13,011	31,573	22,446	2,26,429	...	2,55,408	5,04,283	5,35,856	...	...	2,55,408	5,04,283	5,35,856

Annual Form No 55.

Forest Department Marwar State Outturn of minor produce during 1903-04.

Range.	Description of produce.	RAJ AGENCY.		PURCHASERS.		FREE GRANTS.		RIGHT HOLDERS.				TOTAL.		REMARKS.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	At reduced rates.	Free.	Total.	Quantity.	Value.	Quantity.		Value.
Godhwar.	Bamboos ...	17,463	878	89,679	2,044	...	18	950	...	950	13	1,08,092	2,930		
	Do. Khapats	.....	...	1,06,925	601	...	...	...	...	...	...	1,06,925	601	
	Kamri (Head loads)	.....	...	896	54	...	1	38	...	38	1	934	55	
	Grass (Maunds)	4,456	743	...	...	...	...	...	1,467	...	...	4,456	743	
	Do (Carts)	.....	...	80	22	...	2	11	...	1,478	369	1,507	391	
	Do. (Head loads)	.....	...	584	9	...	2	174	...	174	2	758	11	
	Mohya	6	2	1,009	63	...	47	1,411	...	1,411	47	2,426	112		
	Do. contract	6	6	
	Pala	4±	22	22	
	Honey and wax contract	77	77	
	Skins, Hides	123	123	
	Sojat	Stone carts	170	11	11
Babul Pods		40	40	
Grazing		.....	...	330	171	...	400	1,655	250	1,905	494	2,295	665	
Miscellaneous		63	63	
Bamboos		2,622	61	96	
Sojat	Grass (maunds)	2,429	005	.....	...	...	...	...	...	...	...	2,429	605	
	Do (Head loads)	.....	...	45	1	...	...	...	...	...	...	45	1	
	Kamri (Do. )	.....	...	914	66	...	2	110	2,214	193	195	3,244	261	

Grazing cattle	...	555	122	24	14	570	136	579	136
Pala	...	...	...	...	...	...	...	80	5
Money and wax contract	...	...	...	...	...	...	...	.....	21
Hides	...	...	...	...	...	...	...	.....	4
Miscellaneous	...	...	...	...	...	...	...	.....	10
Kamri	...	950	14	...	...	950	14	961	15
Bamboos	...	...	...	...	...	...	...	3,067	167
Grass carts	...	20	5	520	130	540	135	540	135
Do. head Loads	...	...	...	38,320	507	38,320	507	88,320	507
Do. maunds	...	...	...	...	...	...	...	1,240	207
Grazing	...	182	39	258	60	440	99	463	108
Pala carts	...	...	...	32	16	32	16	31	17
Do. head Loads	...	...	...	...	...	...	...	65	4
Miscellaneous...	...	...	...	...	...	...	...	170	10
Grazing	...	2,160	214	...	...	2,160	244	2,160	244
Grass (Head loads)	...	...	...	...	...	...	...	511	16
Stone carts	...	...	...	...	...	...	...	118	7
Pala Head loads	...	...	...	...	...	...	...	74	2
Munj contract...	...	...	...	...	...	...	...	.....	6
Total	...	8,222	891	43,085	1,411	51,307	2,332	2,85,022	8,404
Grass (Head loads)	...	...	...	...	...	...	...	.....	...
Grazing cattle...	...	5,365	840	...	...	5,365	840	5,388	840
Kamri (Head loads)	...	...	...	805	69	805	69	1,424	108
Miscellaneous...	...	...	...	...	...	...	...	.....	2
Grass carts	...	56	14	...	...	56	14	56	14
Grass Head loads	...	2,188	34	...	...	2,188	34	2,188	34
Bamboos	...	1,670	21	...	...	1,670	21	1,670	21
Grazing cattle	...	325	40	...	...	325	40	325	40
Stone carts	...	04	2	...	...	64	2	64	2
Miscellaneous	...	150	4	...	3	171	7	171	7
GRAND TOTAL	...	18,010	1,846	43,911	1,513	61,951	3,359	2,96,308	9,571

ANNUAL FORM NO. 56.

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj Agency and brought to sale Depots or sold locally during the year 1903-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Balance at commencement of the year—									
<i>Godhwar Range</i>									
" Behra depot—									
Singri ...	12							17	
Ins ...	103							41	
Mayal ...	1							4	
Bulli ...	5							1	
Paga ...	51							18	
Musal ...	2							11	
Danda ...	15							28	
Kachri ...	1							2	
Hal ...	1							33	
Sewari Depot—								4	
Hal ...	1							0	
Ragnathpura Depot—								2	
Singri ...	4							5	
Bulli ...	17							51	
Paga ...	16							4,603	
Ins ...	2							426	
Nana Depot—								524	
Hal ...	9								
Sengri ...	1								
DISPOSAL—									
I. TRUE DISPOSAL—									
Removed by purchasers from Depot—									
<i>Godhwar Range.</i>									
Bulli ...									
Singri ...									
Ins ...									
Musal ...									
Hal ...									
Danda ...									
Paga ...									
Upala ...									
Dingar ...									
Peed ...									
Golha ...									
Pat ...									
Patia ...									
Thekar ...									
<i>Sajat Range—</i>									
Golha Dhao									
Chokani danda									
Ins Dhao									

Ins	...	42
Lathce	...	20
Beola	...	16
Pirani	...	41
Peed	...	9
Chokni danda	...	40
Singri dhao	...	6
Marwar Junction Depot—		
Ins dhao	...	13
Golia	...	4
Kasi danda	...	2
Dingar dhao	...	64
Upla	...	25
Beola	...	26
Chokni danda	...	19
Khimara Depot—		
Kasi danda	...	138
Chokni	...	90
Dingar dhao	...	25
Beola	...	21
Ins	...	183
Peed	...	35
Golia	...	96
Paga Jinja	...	88
Danda dhao	...	886
Anwa Depot—		
Danda dhao	...	17
Dingar	...	5
Kasi danda	...	11
Golia	...	40
Peed	...	37
Paga jinja	...	155
Ins dhao	...	13
Beola	...	40
Dingar kamlai	...	2
Khorra Depot—		
Babul log	...	4
Gaznai Depot—		
Babul log	...	1
Ins	...	2
Lathce	...	19
Beola	...	605
Pirani	...	37,368
Peed	...	...
Chokni danda	...	...
Singri dhao	...	...
Marwar Junction Depot—		...
Ins dhao	...	...
Golia	...	...
Kasi danda	...	...
Dingar dhao	...	...
Upla	...	...
Beola	...	...
Chokni danda	...	...
Khimara Depot—		2,062
Kasi danda	...	...
Chokni	...	...
Dingar dhao	...	10
Beola	...	10
Ins	...	10
Peed	...	...
Golia	...	...
Paga Jinja	...	...
Danda dhao	...	...
Anwa Depot—		...
Danda dhao	...	...
Dingar	...	...
Kasi danda	...	...
Golia	...	...
Peed	...	...
Paga jinja	...	...
Ins dhao	...	...
Beola	...	...
Dingar kamlai	...	...
Khorra Depot—		...
Babul log	...	24
Gaznai Depot—		...
Babul log	...	12

Siwana Range—	...	2
Peed	...	...
Sojat Range—	...	1
Babul log	...	18
Dingar	...	...
Total	...	605
Total true disposal	...	37,368
II. Cross disposal.		
Transferred to other depots.		
Sojat Range—	...	2,062
Dingar	...	...
Godheer Range—	...	10
Hal	...	10
Hal	...	10
Jura	...	10
Total cross disposal	...	30
Total disposal	...	2,092
Total cross disposal	...	39,460
Balance at close of the year.		
Godheer Range—		
Behra Depot.	...	...
Balli	...	2
Singri	...	7
Ins	...	86
Mayal	...	1
Hal	...	1
Danda	...	6
Paga	...	34
Bali depot.	...	24
Paga	...	12
Musal	...	...

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally, during the year 1993-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEADS.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Borimadho Depot—	...	...	...	...	...	...	...	...	...
" Babul lpg.	4	...	...	...	Singri ...	11	...	...	...
" Gurha Dhanntan	...	...	...	...	Dingar ...	6	...	...	...
" Babul log	4	...	...	...	Peed ...	210	...	...	...
Siwana Range.	...	...	...	...	Hal ...	4	...	...	...
" Peed dhao	13	...	...	...	Ins golia	17	...	...	...
" Ins "	58	...	...	...	Nana depot.	...	...	...	...
" Samandri Depot—	8	...	...	...	Singri ...	1	...	...	...
" Peed dhao	58	...	...	...	Sewari depot.	...	...	...	...
" Ins "	58	...	...	...	Musal ...	1	...	...	...
" Balotra Depot—	...	...	...	...	Hal ...	4	...	...	427
" Peed dhao	528	...	...	...	Sojat Range—	...	...	...	...
" Ins dhao	26	...	...	...	Saran depot.	...	...	...	...
" Kasi danda	187	...	...	...	Thaleti Dhao	...	...	...	...
Pali Range	...	...	...	...	Beoli ...	2	...	...	...
" Pali Depot—	81	...	...	...	Golia Dhao	129	...	...	...
" Thekar ...	124	...	...	...	Chokani danda	1,146	...	...	...
" Pat ...	69	...	...	...	Ins Dhao	106	...	...	...
" Latha Ins	98	...	...	...	Lathi ...	193	...	...	...
" Ins I & II classes	87	...	...	...	Axe handles	135	...	...	...
" Pegu ...	64	...	...	...	Dingar Dhao	107	...	...	...
" Dingar ...	2	...	...	...	Beola ...	344	...	...	...
" Hal ...	...	...	...	...	Kasi danda	99	...	...	...
	...	...	...	...	Pat Dhao	584	...	...	...
	...	...	...	...	Pirani ...	1	...	...	...
	...	...	...	...	Peed ...	62	...	...	...
	...	...	...	...		41	...	...	...

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, Sarwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1903-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
<i>Sivana Range</i>									
Peed dhao	2,820	.....	3,034	.....	Upla	31	.....	.....	31
Ins dhao	208	.....	50,823	.....	Axe handle	51	.....	.....	51
Total					Lathya Jenja	12	.....	.....	12
Guined by recounting					Chokani danda	46	.....	.....	46
<i>Sojat Range dingar</i>					Musal kher	4	.....	.....	4
Total					Marwar Junction depot.		.....	.....
					Ins Dhao	70	.....	.....	70
					Golia	483	.....	.....	483
					Ka-i danda	79	.....	.....	79
Total					Chokuni Palnau	31	.....	.....	31
Total true receipts					Dingar Dhao	738	.....	.....	738
					Upla Do.	48	.....	.....	48
II Cross receipts					Beola Do.	13	.....	.....	13
Transferred from other depots					Beoli	27	.....	.....	27
<i>Pali Range</i>					Musal kher	1	.....	.....	1
Hal	10	.....			Dingar kamlai	64	.....	.....	64
Hal	10	.....			Danda Dhao	189	.....	.....	189
Jura	10	.....			Sojat road depot.		.....	.....
Dingar	2,062	.....			Sigri Dhao	6	.....	.....	6
Total cross receipts					Landia	317	.....	.....	317
Total gross receipts					Dingar	604	.....	.....	604
Total receipts					Golia	45	.....	.....	45
Grand Total					Ins	22	.....	.....	22
					Lathi	17	.....	.....	17
					Beola	14	.....	.....	14

2,315

1,738

2,092

2,092

53,135

61,569

Pirani ...	38	...	...	...	...
Chokani danda	7	...	...	...	...
Upla Dhao	26	...	...	...	...
Musal kher	10	...	...	...	...
Dingar kamlai	192	...	...	...	...
Beoli Dhao	12	...	...	...	...
Lathiya Jinja	30	...	...	...	...
Kasi danda	14	...	...	...	1,354
Sojat depot.		...	...	...
Dingar Dhao	542	...	...	...
Kasi danda	85	...	...	...
Ins Dhao	81	...	...	...
Golia ...	174	...	...	...
Beola ...	34	...	...	...
Upla ...	15	...	...	...
Paga Kanaj	27	...	...	...
Lathiya Jinja	58	...	...	...
Beoli Dhao	34	...	...	...
Thaleti "	16	...	...	...
Axe-handles Dhao	55	...	...	...
Peed Dhao	305	...	...	...
Musal kher	6	...	...	...
Chokani danda	94	...	...	...	1,750
Dingar kamlai	224	...	...	...
Bagri depot.		...	...	...
Dingar Dhao	327	...	...	...
Beola ...	13	...	...	...
Golia ...	8	...	...	...
Ins ...	1	...	...	...
Danda ...	160	...	...	...
Dingar Kamlai	32	...	...	...
Beoli Dhao	16	...	...	...
Chokani danda	11	...	...	...	507
Gudhe Dhamata		...	...	...
Babul log		...	...	...	1
Borimadho		...	...	...
Babul log		...	...	...	1
Khoris ...		...	...	...
Babul logs		...	...	...	3

ANNUAL FORM NO. 56.—(Continued)

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1903-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEADS.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Gajnai	1		...	...	...	...		1	
Babul log	...		...	...	...	...		...	...
Total Sojat Range	...		...	...	...	...		18,157	
<i>Siwana Range.</i>									
Sela depot.	3		...	...	...	...		3	
Peed Dhao	...		...	...	...	...		...	...
Ins	34		...	...	...	...		37	
Siwana depot—	...		...	...	...	...		...	...
Kasi danda	...		...	...	...	...		...	...
Balothra depot.	...		...	...	...	...		...	...
Peed	515		...	...	...	...		...	...
Ins	20		...	...	...	...		...	...
Kasi danda	122		...	...	...	...		...	...
Samadri depot	...		...	...	...	...		...	...
Peed Dhao	384		...	...	...	...		...	...
Ins	100		...	...	...	...		...	...
Total Siwana Range	...		...	...	...	...		...	...
<i>Pali Range.</i>									
Pali Depot.	...		...	...	...	...		...	...
Thekhr	81		...	...	...	...		...	...
Total	1,131		...	...	...	...		...	...

Pat	...	121	2,394
Lattn Ins	...	59	2,394
Ins I and II class	...	64	22,109
Page,	...	87	61,569
Dingar	...	965	380
Pata salar	...	6	2614
Thobli	...	30	910
Mayal	...	5	1,5514
Kani	...	132	3,000
Beola	...	5	3,000
Danda	...	310	3,000
Bank	...	8	3,000
Musal	...	4	3,000
Golin	...	7	3,000
Puggi	...	85	3,000
Singri	...	291	3,000
Pecd	...	175	3,000
Hal	...	10	3,000
Hal	...	9	3,000
Jura	...	10	3,000
Total Pali Range	...		2,394
Total Balance	...		22,109
Grand Total	...		61,569
FIRE WOOD DISPOSALS—			
Removed by purchaser from depot—	...		
Godhwar Range (maunds)	...		380
Sojat (do.)	...		2614
Jodhpur (do.)	...		910
Total	...		1,5514
Utilised by the Department in making charcoal.	...		
Godhwar Range	...		3,000
Total	...		3,000
FIRE			
Balance at commencement of the year—	...		
Godhwar Range.	...		
Maunds	...		
3,972	...		4,034
Jodhpur Range (Mds)	...		822
Sivana Range	...		43
Total Balance	...		4,899

ANNUAL FORM NO. 56.—(Continued.)

Forest Department Marwar State. Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1903-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Receipts—					Struck off on account of wastage.				
Sojat Range (Mds.)	...		576		Godhwar Range	...		Cart. 62	
Jodhpur " (do.)		110		Total	...		62	
Total receipts	...		686		Total disposal	...		4,613½	
Grand total	...		5,585		Balance at close of the year	...			
					Godhwar Range	...		592	
					Sojat	...		314½	
					Siwana	...		43	
					Jodhpur	...		22	
					Total Balance	...		971½	
					Grand total	...		5,585	
					CHAR COAL.				
					DISPOSAL—				
					I. True Disposals.				
					Removed by purchasers from depot.				
Balance at commencement of the year—									
Sojat Range (Mds)	...		455						
Jodhpur Range "	...		54						
Siwana " "	...		10						

Total Balance ...	519	Sojrat Range ...	934½
Receipts.		Jodhpur „ ...	671½
I. True Receipts—		Total	1,605½
Received from forest		Struck off on account of wastage.	
Sojrat Range (Mds) ...	1,236	Jodhpur Range ...	2½
Total ...	1,236	Total	2½
Received by converting firewood supplied from depot—		Total true disposal	1,608½
Godhwar Range ...	658½	II. Cross disposal—	
Total ...	658½	Transferred to other depots.	
Total true receipts ...	1,894½	Godhwar Range ...	446½
		Sojrat „ ...	281
II. Cross receipts.		Total cross disposal	727½
Transferred from other depots.		Total disposal	2,335½
Sojrat Range ...	62½	Balance at close of the year—	
Jodhpur Range ...	665	Godhwar Range ...	212½
Total cross receipts	727½	Sojrat „ ...	538
Total receipts	2,622	Sivana „ ...	10
Grand Total ...	3,141	Jodhpur „ ...	45
		Total Balance	805½
		Grand Total	3,141

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, ~~Mysore~~ *Mysore* State. *Account of timber and other produce cut or collected by Raj agency and brought to sale Depots or sold locally during the year 1903-1904.*

Particulars	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Balance at the commencement of the year—									
Godhwar Range ...	11,786		BAMBOOS.						
Sojat " ...	8,133		DISPOSAL—						
Siwana " ...	.....		I true disposal.						
Pali " ...	1,419		Sold to purchasers from depot.						
Jodhpur " ...	4,950		Godhwar Range ...						2,062
Total Balance ...	26,288		Sojat " ...						19,707
			Siwana " ...						4,161
			Pali " ...						5,871
			Jodhpur " ...						3,218
			Total						35,019
Receipts—									
I. True receipts.									
Godhwar range ...	17,483		Utilised by the department—						40
Sojat " ...	693		Sojat Range ...						40
Siwana " ...	2,454		Total						
Total ...	20,630								
II. Cross receipts.									
Transferred from other depots.									
Sojat Range ...	16,298		Struck off on account of being lost in transfer by wastage—						175
Pali " ...	5,918		Godhwar ..						26
Siwana " ...	3,098		Sojat ..						201
			Total						35,260
			Total true disposal						

ANNUAL FORM NO. 56.—(Continued.)

Forest Department, Jaisalmer State.

Account of timber and other produce cut or collected by Raj Agency and brought to sale Depots or sold locally during the year 1903-1904.

Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.		Particulars.	No. or quantity.	Cubic feet.	TOTAL OF EACH HEAD.	
			No. or quantity.	Cubic feet.				No. or quantity.	Cubic feet.
Gum ...	Srs. 8½				Struck off on account of being damaged.				
Sojat range.	Mds. 2,429				Jodhpur range	Mds. Srs. 11—34			
Grass for Risala	...				Nimglo	...			
Kamri dhao	No. 41				Munj	...			
Sivana	Mds. 1,240				Total	...			
Grass for Risala	...								
Total receipts	...	No. 41	Srs. 8½		Total disposals	...			
		Mds. 8,125			Balance at close of the year.				
Grand Total	No. 53	Hlds. 33	Mds. 13,866	Srs. 8½	Godhwar range	Mds. 5,709			
					Grass department	4,456			
					" (for Risala)	...			
					Sojat range	Mds. Srs.			
					Grass (for Risala)	...			
					Sivana Range	Mds. 1,240			
					Grass for Risala	...			

<p>Jodhpur range Munj Ban Era Era leaves in Sojat Range.</p>	<p>...</p>	<p>Mds. Srs. 3-2</p>	<p>Mds. Srs. 3-2 24 Head loads.</p>
<p>Total Balance</p>	<p>...</p>	<p>Mds. Srs. (13,837 2)</p>	<p>Head loads. 24</p>
<p>GRAND TOTAL</p>	<p>...</p>	<p>No. Hlds. 53, 33,</p>	<p>Mds. Srs. (13,806-34)</p>

ANNUAL FORM NO. 58.

Forest Department Marwar State Summary of Revenue of Marwar Forests during the year 1903-04.

Budget Heads.	Direction.	Godhwar.	Sojat.	Siwana.	Purbatsar.	Pali.	Total.	Remarks.
I. Timber and other produce removed from the forest by Raj Agency.								
(a) Timber	285	47	1,659	108	...	113	2,113	9 9
(b) Firewood and charcoal	1,010	55	477	...	...	...	1,544	5 3
(c) Bamboos	165	96	1,018	147	...	310	1,797	3 3
(d) Grass and other minor produce	18	55	12	32	...	16	132	4 6
(e) Timber and other produce removed from the forest by Panchasars or consumers.	...	...	...	...	...	...	...	...
II. Timber and other produce removed from the forest by Panchasars or consumers.								
(a) Timber	4	3,223	1,248	86	2	...	4,563	11 1
(b) Firewood and charcoal	124	899	196	...	57	...	1,271	8 9
(c) Bamboos	...	2,584	61	54	239	...	2,645	13 3
(d) Grazing and fodder grass	...	611	121	...	...	...	1,026	9 0
(e) Other minor produce	...	473	110	7	14	...	605	12 6
(f) Confiscated, drifts, and wasteland.	...	9	...	...	...	...	2	2 3
III. Confiscated, drifts, and wasteland.								
IV. Revenue from forest not managed by Raj.								
(a) Duty on foreign timber and other Forest produce...	...	3,867	2 9	...	...	...	5,169	8 3
(b) Revenue from shared and private forests	...	...	16	...	...	...	16	12 6
V. Miscellaneous.								
(a) Fines and Forfeitures	...	4	14	...	...	...	18	4 0
(b) Refunds	...	...	...	...	...	...	...	...
(c) Other sources	16	1,343	785	290	103	...	2,528	12 9
Total Forest conservancy ... 1,821								
Add Arboriculture & Forest Reserves ... 1,821								
Fuel and Fodder reserve ... 1,821								
Miscellaneous ... 1,821								
Grand Total ... 21,054								
Raipore ... 2,326								
Ghanerao ... 478								
Bar ... 252								
Barantia ... 62								
Babra ... 32								
Somel ... 147								
Great grand total ... 27,953								

ANNUAL FORM NO. 58.—Continued.

Forest Department Marwar State. Summary of Expenditure of different ranges Marwar Forests during 1903-1904.

Budget Heads.	Direction.	Godwar.	Sojat.	Siwana.	Parbatsar.	Pali.	Total.	Remarks
A.—CONSERVANCY AND WORKS.								
I. Timber and other produce removed from the forests by Raj agency—								
(a) Timber	10713 0	119 8 9	1,129 15 3	7213 9	...	150 5 9	1,580 8 6	
(b) Firewood and charcoal	161 8 3	141 8 6	284 6 0	...	...	32 11 0	620 1 9	
(c) Bamboos	23 0 0	369 11 6	154 11 0	5110 0	...	30 6 0	629 6 6	
(d) Grass and other minor produce	...	3 8 3	6 9 9	010 0	...	214 0	1310 0	
II. Timber and other produce removed from the forests by purchasers or consumers—								
III. Confiscated, drifts and waijwood—								
IV. Revenue from forests not managed by Raj—								
(a) Duty on foreign timber and other forest produce	...	76 0 0	...	...	...	...	76 0 0	
(b) Revenue from shared and private forests	...	...	710 0	...	...	...	710 0	
V. Revenue from leased forests and payment to share holders in forests managed by Raj—								
VI. Live stocks, stores, tools and plants—								
(a) Purchase of cattle	...	...	...	...	...	...	...
(b) Feed and keep of cattle	...	...	...	...	...	...	...
(c) Purchase of stores, tools and plants	5 2 0	...	8 2 6	...	...	...	13 4 6	
VII. Communications and buildings—								
(a) Roads and Bridges	...	1810 6	17 5 0	...	...	...	17 5 0	
(b) Buildings	...	...	3314 3	...	...	...	52 8 9	
(c) Other works	...	...	...	...	...	...	...
VIII. Demarcation improvement and extension of forests—								
(a) Demarcation	...	1 0 0	2 2 3	...	...	...	3 2 3	
(b) Compensation of land	...	...	...	...	...	...	...
(c) Surveying and working plans	76 7 0	1,454 5 6	6 5 0	916 3	...	...	1,647 0 9	
(d) Skoying and planting	30 6 0	3613 9	86 7 0	...	...	...	153 10 9	
(e) Protection from fire	...	4913 3	130 3 0	5912 9	...	...	239 13 0	
(f) Other works	...	...	...	...	...	...	...
IX. Miscellaneous—								
(a) Refunds	10 0 0	...	...	...	...	...	10 0 0	
(b) Law charges	6 0 0	80 8 6	10514 3	178 2 0	...	...	370 15 9	
(c) Other charges	...	...	...	...	...	...	...
Total carried over	420 4 3	2,351 8 6	1,973 9 3	37216 9	0 7 0	216 4 9	5,385 1 6	

ANNUAL FORM NO. 58.—Continued.
Forest Department Marwar State. Summary of Expenditure of different ranges Marwar Forests during 1903-1904.

Budget Heads,		Direction,	Godhwar.	Sojat.	Sivanna.	Parbatsar,	Pali.	Total.	Remarks
Total Brought forward ..		420	4 3 2,351	9 3 1,973	8 6 1,513	3 72 15 9	0 7 0	216 4 9 5,355	1 6
I. Salaries—		1,620	0 0	594	0 0	540	0 0	1,620	0 0
(a) Superior establishment ..	..	..	720	0 0	540	0 0	..	1,854	0 0
(b) Executive establishment ..	..	..	1,657	0 0	1,188	0 0	..	4,183	3 0
(c) Protective establishment ..	..	..	1,657	0 0	1,188	0 0	..	1,967	3 0
(d) Office establishment ..	..	..	0 9 197	2 3 120	0 0	..	..	..	..
(e) Pension contribution ..	..	..	..	..	..	..	..	..	..
II. Travelling allowance—		159	14 0	66	2 0	87	10 3	159	14 0
(a) Superior establishment ..	..	..	..	..	..	..	..	..	..
(b) Executive do. ..	..	..	145	4 6	66	2 0	87	10 3	337
(c) Protective do. ..	..	..	21	5 9	56	10 9	29	11 0	202
(d) Office do. ..	..	..	31	1 6	5	15 0	22	8 0	62
(e) Keep and feed of conveyance supplied by Raj ..	..	..	300	0 0	180	0 0	180	0 0	840
III. Contingencies—		71	7 9	2 9 9	1 4 0	0 6 0	..	79	15 6
(a) Stationery ..	..	..	..	..	..	..	..	..	..
(b) Carriage of tents and records ..	..	..	7	5 0	2 8 0	..	..	..	..
(c) Rent rate and taxes ..	..	..	..	..	..	..	..	..	..
(d) Official postage ..	..	..	..	..	..	..	..	..	..
(e) Sundries ..	..	..	429	15 3	25	2 0	..	468	13 3
Total B. Establishment ..		1,328	6 0 2,963	12 3 2,540	5 3 1,356	3 6 607	14 0	11,796	9 0
Total A. & B. ..		1,748	10 3 5,315	4 9 1,513	6 1,729	3 3 608	5 0	9 17,131	10 6
Add Arborescence & <i>Plantations</i> ..		..	..	..	..	..	..	11,230	10 3
" Gardens (through Desuri Hakumat) ..	..	..	..	..	..	..	..	38	6 0
" Fuel and Fodder Reserve ..	..	..	..	..	..	..	..	719	4 0
" Famine relief works ..	..	..	..	..	..	..	..	87	8 0
" Miscellaneous ..	..	..	..	..	..	..	..	879	5 6
Grand Total ..		..	..	..	..	..	..	30,066	12 3
" Raipur ..	..	..	..	..	..	..	..	642	8 9
" Ghanerao ..	..	..	..	..	..	..	..	278	3 3
" Bar ..	..	..	..	..	..	..	..	48	7 3
" Barantia ..	..	..	..	..	..	..	..	61	12 3
" Babra ..	..	..	..	..	..	..	..	60	14 9
" Somel ..	..	..	..	..	..	..	..	67	14 3
Great grand total ..		..	..	..	..	..	..	31,226	8 9

ANNUAL FORM NO. 59.

Forest Department Marwar State. Account Current for the year 1903-1904.

	Rs.	a. p.	Rs.	a. p.		Rs.	a. p.	Rs.	a. p.
Cash Balance.					Remittance to Treasury in cash ...	23,992	13 9		
Revenue as per Annual Form No. 58:—					Do. by adjustment ...	650	11 3	24,643	9 ...
Forest Conservancy ...	23,676	3 9			Expenditure as per Annual summary Form No. 58:—				
Arboriculture ...	737	10 ...			Forest Conservancy ...	17,131	10 6		
Fuel and Fodder Reserves ...	215	8 ...			Gardens (through Desuri Hakim) ...	38	6 ...		
Miscellaneous ...	25	... ..	24,654	5 9	Fuel and Fodder Reserves ...	719	4 ...		
Advances by recoupment of Imprests or expenditure adjusted in Treasury and Audit Office ...			30,066	12 3	Arboriculture ...	11,230	10 3		
					Miscellaneous ...	946	13 6	30,066	12 3
					Balance ...	.....	.....	10	12 9
Total ...	.....	... ..	54,721	2 ...	Total ...	.....	... ..	54,721	2 ...

Annual Form No. 60.

Revenue received and outstanding on account of revenue for the year 1903-04.

Range.	Particulars.	At com- mencement of the year.	Value of sales.	Total.	Realised during the year.	Balance.	Remarks.
Godhwar	Forest conservancy ...	98 0 0	13,204 4 3	13,302 4 3	13,253 11 3	48 9 0	
Sojat ...	Do. ...	67 12 0	7,329 4 6	7,397 0 0	7,221 9 6	72 7 0	
Siwana	Do. ...	.....	726 3 0	726 3 6	726 3 6	.....
Parbatsar	Do. ...	.....	410 10 0	410 10 0	410 10 0	.....
Pali ...	Do. and Fuel and Fodder Reser- ves.	168 6 0	615 1 0	813 7 0	615 1 0	168 6 0	
Jodhpur and Direc- tion.	Forest conservancy arbori- culture and gardens.	6,369 11 0	2,080 9 3	8,450 4 3	3,389 9 0	5,066 11 3	Includes Rs-995 8 0 adjusted by Audit office in 1902-03 and by this office in this year.
	Total ...	6,703 13 0	24,302 0 6	31,005 13 6	25,049 12 3	5,356 1 3	

Annual Form No. 62.

Forest Department Marwar State, Financial results of the year 1903-1904.

Range.	TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY RAJ AGENCY.		OTHER REVENUE.		Formation and improvement of forests.	TOTAL.		REMARKS.
	Receipts.	Charges.	Receipts.	Charges.		Receipts.	Charges.	
Godhwar ...	275	634	12,979	3,140	1,541	13,254	5,315	
Sojat ...	3,368	1,576	3,856	2,713	225	7,224	4,514	
Sivann ...	256	125	470	1,534	70	726	1,729	
Parbatsar ...	...	...	411	609	.....	411	609	
Pali ...	430	216	...	...	.....	430	216	
Jodhpur and Direction ...	1,487	292	144	4,350	107	1,631	4,749	
Total ...	5,816	2,843	17,860	12,346	1,943	23,676	17,132	
Raipur ...	92	19	2,234	614	9	2,326	642	
Ghanerao ...	...	...	478	278	.....	478	278	
Bar ...	...	...	252	48	.....	252	48	
Barantia ...	...	...	62	62	.....	62	62	
Babra ...	...	...	33	61	.....	33	61	
Somel ...	...	...	148	68	.....	148	68	
GRAND TOTAL ...	5,908	2,862	21,067	13,477	1,952	26,975	18,291	